# REMEDIATION WORK PLAN

MidSouth Lease and Sales Property 115 Brent Street Crystal Springs, Mississippi

Prepared for

BorgWarner Inc.

July 2005





MidSouth Lease and Sales Property 115 Brent Street Crystal Springs, Mississippi



Prepared for

## BorgWarner Inc.

Prepared by

MARTIN&SLAGLE GeoEnvironmental Associates, LLC PO Box 1023 Black Mountain, North Carolina

**July 2005** 

obell Maris

Robert L. Martin, L.G. **Project Manager** 

Christine E. Slagle
Christine E. Slagle

**Senior Scientist** 

### TABLE OF CONTENTS

#### REMEDIATION WORK PLAN MidSouth Lease and Sales Property 115 Brent Street Crystal Springs, Mississippi



| 1.0 INTRODUCTION |  | 1-1 |
|------------------|--|-----|
| 1.1              | Site Description   | 1-2 |
| 1.2              | Background   | 1-3 |
| 1.3              | Summary of Previous Work Performed                       | 1-3 |
| 1.4              | Remediation Objectives and Rationale                     | 1-6 |
| 2.0 CO           | NCEPTUAL PLAN  | 2-1 |
| 3.0 REN          | MEDIATION PLAN   | 3-1 |
| 3.1              | Remediation Activities                                   | 3-1 |
|                  | 3.1.1 Work Progression and Staging                       | 3-3 |
|                  | 3.1.2 Additional Sampling Activities                     | 3-3 |
|                  | 3.1.3 Remediation of Delineated Areas                    | 3-4 |
| 3.2              | Prevention of Off-Site Migration                         | 3-4 |
|                  | 3.2.1 Sediment and Runoff Control during Remediation     | 3-4 |
|                  | 3.2.2 Post-Remediation Sedimentation and Erosion Control | 3-5 |
|                  | 3.2.3 Vegetative Stabilization                           | 3-5 |
| 3.3              | Confirmation Sampling Plan                               | 3-6 |
| 3.4              | Management of Investigation Derived Waste                | 3-7 |
| l.0 SCH          | EDULE  | 4_1 |

# TABLE OF CONTENTS (continued)

| 5.0 QUALITY ASSURANCE /QUALITY CONTROL PLAN |                                       | 5-1        |
|---|---------------------------------------|------------|
| 5.1   | Sampling Objectives                   | 5-1        |
| 5.2   | Analytical Methods                    | 5-1        |
| 5.3   | Key Personnel                         | 5-1<br>5-2 |
| 5.4   | Quality Assurance Objectives for Data | 5-2<br>5-3 |
| 5.5   | Sample Control and Field Records      | 5-3<br>5-4 |
|   | 5.5.1 Sample Identification           | (EE) (E    |
|   | 5.5.2 Chain of Custody Procedures     | 5-4        |
|   | 5.5.3 Field Records                   | 5-4        |
| 5.6   | Laboratory QA/QC                      | 5-4        |
| 5.7   | Data Review and Validation            | 5-4<br>5-5 |
| O.O KEI'I                                   | ERENCES                               | 6-1        |
| LIST OF                                     | FIGURES                               |            |
| Figure 1<br>Figure 2                        | Vicinity Map PCB Delineation Map      |            |
| TABLES                                      |                                       |            |
| Table 1                                     | Summary of Analytical Despite         |            |